

**AMENDMENTS TO THE CLAIMS:**

*Please amend the claims as follows:*

1. (Currently amended) A pharmaceutical formulation for use in repelling and/or killing human head lice comprising a solution of Neem Oil and a surfactant, wherein the solution comprises from about 1% w/w to about 1.25% w/w of Neem Oil and from about 0.2% to about 0.3% w/w of surfactant, and the surfactant is cetrimonium chloride.
- 2-3. (Cancelled)
4. (Currently amended) A formulation as claimed in claim 1, wherein the cetrimonium chloride is present in the composition formulation at about 0.25% w/w/ of the compound formulation.
5. (Currently amended) A formulation as claimed in claim 1, wherein the composition formulation further comprises trace triethanolamine in an amount of about [[0.1%]] 0.01% to 0.06% w/w of the composition formulation.
6. (Currently amended) A formulation as claimed in claim 1, wherein the composition formulation further comprises isopropyl alcohol.
7. (Previously presented) A formulation as claimed in claim 1, wherein the solution further comprises either ethyl alcohol or light liquid paraffin.
8. (Currently amended) A formulation as claimed in claim 1, wherein the solution comprises the following formulation:

Aqua (water) – 91.155%;

Cetearyl alcohol – 4%;

Glyceryl stearate – 2%;

Melia Azadirachta seed oil (Neem Oil) – 1%;

Propylene glycol – 0.675%;

Cetrimonium chloride 26% - 0.26%;

Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;

Lavandula Angustifolia (Lavender) oil – 0.25%;

Urtica Dioica (Nettle) extract – 0.2%;

Methylparaben & Propylparaben & Ethylparaben – 0.15%;

Thymus Vulgaris (Thyme) extract – 0.05%; and  
Triethanolamine – 0.01%.

9. (Currently amended) A formulation as claimed in claim 1, wherein the solution comprises the following formulation:

Aqua (water) – 91.105%;  
Cetearyl alcohol – 4%;  
Glyceryl stearate – 2%;  
Melia Azadirachta seed oil (Neem Oil) – 1%;  
Propylene glycol – 0.675%;  
Cetrimonium chloride 26% - 0.26%;  
Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;  
Lavandula Angustifolia (Lavender) oil – 0.25%;  
Urtica Dioica (Nettle) extract – 0.2%;  
Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
~~Triethanolamine~~ Triethanolamine – 0.06%.

10. (Currently amended) The use [[user]] of a formulation as per claim 1 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.

11-13. (Cancelled)

14. (Currently amended) A formulation as claimed in claim 4, wherein the composition formulation further comprises trace triethanolamine in an amount of about [[0.1%]] 0.01% to 0.06% w/w of the composition formulation.

15-16. (Cancelled)

17. (Currently amended) A formulation as claimed in ~~any one of~~ claim 4, wherein the composition formulation further comprises isopropyl alcohol.

18. (Currently amended) A formulation as claimed in ~~any one of~~ claim 5, wherein the composition formulation further comprises isopropyl alcohol.

19-20. (Cancelled)

21. (Currently amended) A formulation as claimed in ~~any one of~~ claim 4, wherein the solution further comprises either ethyl alcohol or light liquid paraffin.

22. (Currently amended) A formulation as claimed in ~~any one of~~ claim 5, wherein the solution further comprises either ethyl alcohol or light liquid paraffin.

23. (Currently amended) A formulation as claimed in ~~any one of~~ claim 6, wherein the solution further comprises either ethyl alcohol or light liquid paraffin.

24-25. (Cancelled)

26. (Currently amended) A formulation as claimed in claim 4, wherein the solution comprises the following formulation:

Aqua (water) – 91.155%;

Cetearyl alcohol – 4%;

Glyceryl stearate – 2%;

Melia Azadirachta seed oil (Neem Oil) – 1%;

Propylene glycol – 0.675%;

Cetrimonium chloride 26% - 0.26%;

Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;

Lavandula Angustifolia (Lavender) oil – 0.25%;

Urtica Dioica (Nettle) extract – 0.2%;

Methylparaben & Propylparaben & Ethylparaben – 0.15%;

Thymus Vulgaris (Thyme) extract – 0.05%; and

Tetanolamine Triethanolamine – 0.01%.

27. (Currently amended) A formulation as claimed in claim 5, wherein the solution comprises the following formulation:

Aqua (water) – 91.155%;

Cetearyl alcohol – 4%;

Glyceryl stearate – 2%;

Melia Azadirachta seed oil (Neem Oil) – 1%;

Propylene glycol – 0.675%;

Cetrimonium chloride 26% - 0.26%;

Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;

Lavandula Angustifolia (Lavender) oil – 0.25%;

Urtica Dioica (Nettle) extract – 0.2%;

Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
~~Tetanolamine Triethanolamine~~ – 0.01%.

28. (Currently amended) A formulation as claimed in claim 6, wherein the solution comprises the following formulation:

Aqua (water) – 91.155%;  
Cetearyl alcohol – 4%;  
Glyceryl stearate – 2%;  
Melia Azadirachta seed oil (Neem Oil) – 1%;  
Propylene glycol – 0.675%;  
Cetrimonium chloride 26% - 0.26%;  
Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;  
Lavandula Angustifolia (Lavender) oil – 0.25%;  
Urtica Dioica (Nettle) extract – 0.2%;  
Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
~~Tetanolamine Triethanolamine~~ – 0.01%.

29. (Currently amended) A formulation as claimed in claim 7, wherein the solution comprises the following formulation:

Aqua (water) – 91.155%;  
Cetearyl alcohol – 4%;  
Glyceryl stearate – 2%;  
Melia Azadirachta seed oil (Neem Oil) – 1%;  
Propylene glycol – 0.675%;  
Cetrimonium chloride 26% - 0.26%;  
Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;  
Lavandula Angustifolia (Lavender) oil – 0.25%;  
Urtica Dioica (Nettle) extract – 0.2%;  
Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
~~Tetanolamine Triethanolamine~~ – 0.01%.

30-31. (Cancelled)

32. (Currently amended) A formulation as claimed in claim 4, wherein the solution comprises the following formulation:

Aqua (water) – 91.105%;

Cetearyl alcohol – 4%;

Glyceryl stearate – 2%;

Melia Azadirachta seed oil (Neem Oil) – 1%;

Propylene glycol – 0.675%;

Cetrimonium chloride 26% - 0.26%;

Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;

Lavandula Angustifolia (Lavender) oil – 0.25%;

Urtica Dioica (Nettle) extract – 0.2%;

Methylparaben & Propylparaben & Ethylparaben – 0.15%;

Thymus Vulgaris (Thyme) extract – 0.05%; and

Tetanolamine Triethanolamine – 0.06%.

33. (Currently amended) A formulation as claimed in claim 5, wherein the solution comprises the following formulation:

Aqua (water) – 91.105%;

Cetearyl alcohol – 4%;

Glyceryl stearate – 2%;

Melia Azadirachta seed oil (Neem Oil) – 1%;

Propylene glycol – 0.675%;

Cetrimonium chloride 26% - 0.26%;

Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;

Lavandula Angustifolia (Lavender) oil – 0.25%;

Urtica Dioica (Nettle) extract – 0.2%;

Methylparaben & Propylparaben & Ethylparaben – 0.15%;

Thymus Vulgaris (Thyme) extract – 0.05%; and

Tetanolamine Triethanolamine – 0.06%.

34. (Currently amended) A formulation as claimed in claim 6, wherein the solution comprises the following formulation:

Aqua (water) – 91.105%;  
Cetearyl alcohol – 4%;  
Glyceryl stearate – 2%;  
Melia Azadirachta seed oil (Neem Oil) – 1%;  
Propylene glycol – 0.675%;  
Cetrimonium chloride 26% - 0.26%;  
Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;  
Lavandula Angustifolia (Lavender) oil – 0.25%;  
Urtica Dioica (Nettle) extract – 0.2%;  
Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
Tetanolamine Triethanolamine – 0.06%.

35. (Currently amended) A formulation as claimed in claim 7, wherein the solution comprises the following formulation:

Aqua (water) – 91.105%;  
Cetearyl alcohol – 4%;  
Glyceryl stearate – 2%;  
Melia Azadirachta seed oil (Neem Oil) – 1%;  
Propylene glycol – 0.675%;  
Cetrimonium chloride 26% - 0.26%;  
Melaleuca Alternifolia (Tea Tree) leaf oil – 0.25%;  
Lavandula Angustifolia (Lavender) oil – 0.25%;  
Urtica Dioica (Nettle) extract – 0.2%;  
Methylparaben & Propylparaben & Ethylparaben – 0.15%;  
Thymus Vulgaris (Thyme) extract – 0.05%; and  
Tetanolamine Triethanolamine – 0.06%.

36-37. (Cancelled)

38. (Currently amended) The [[user]] use of a formulation as per claim 4 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.

39. (Currently amended) The [[user]] use of a formulation as per claim 5 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.
40. (Currently amended) The [[user]] use of a formulation as per claim 6 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.
41. (Currently amended) The [[user]] use of a formulation as per claim 7 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.
42. (Currently amended) The [[user]] use of a formulation as per claim 8 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.
43. (Currently amended) The [[user]] use of a formulation as per claim 9 for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.